## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"20010033622".pn. (adjust)	US- PGPUB; USPAT	ADJ	ON	2010/09/15 13:29
L2	1	"20010033622".pn. and (adjust\$3)	US- PGPUB; USPAT	ADJ	ON	2010/09/15 13:29
L3	1	10/574023.app. and (winner filter)	US- PGPUB; USPAT	ADJ	ON	2010/09/15 13:38
L4	2641	375/240.01.ccls.	US- PGPUB; USPAT	ADJ	ON	2010/09/15 14:00
S1	18	("20030002582"   "20030021485"   "20040184666"   "20040071356"   "20060050972"   "5757969"   "5768535"   "5801678"   "5917963"   "6088392"   "6205254"   "6269193"   "6522783"   "6622144"   "6654503"   "6738494"   "7388996"   "7444029").PN.	US- PGPUB; USPAT	ADJ	ON	2010/09/10 10:38
S2	0	S1 and (coarse and symobol and constellation)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 10:38
S3	0	S1 and (coarse and symbol and constellation)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 10:39
S4	5	S1 and (coarse or constellation)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 10:39
S5	5	S1 and (coarse or constellation and channel encod\$3)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 10:41
S6	0	Video compressionand and (coarse and symobol and constellation)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 11:17
S7	0	Video compression and (coarse and symobol and constellation)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 11:17

S8	15	Video compression and (coarse and symbol and constellation)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 11:20
S9	74	(image near compress\$4) and (LOCO-I)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 14:12
S10	19	S9 and "near" lossless	US- PGPUB; USPAT	ADJ	ON	2010/09/10 14:13
S11	6	S10 and (error with (bound \$3 or smaller or less))	US- PGPUB; USPAT	ADJ	ON	2010/09/10 14:15
S12	5336	Video compression and wireless	US- PGPUB; USPAT	ADJ	ON	2010/09/10 14:24
S13	55	(("near" lossless) with compress\$4) and wireless	US- PGPUB; USPAT	ADJ	ON	2010/09/10 14:25
S14	1	(("near" lossless) with compress\$4 with (video or imae)) and wireless	US- PGPUB; USPAT	ADJ	ON	2010/09/10 14:26
S15	24	(("near" lossless) with compress\$4 with (video or image)) and wireless	US- PGPUB; USPAT	ADJ	ON	2010/09/10 14:26
S16	54	S13 and (video or image)	US- PGPUB, USPAT	ADJ	ON	2010/09/10 14:31
S17	2	S16 and (LOCO-I)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 14:33
S18	13	S13 and (error with (bound \$3 or smaller or less))	US- PGPUB; USPAT	ADJ	ON	2010/09/10 14:37
S19	18	("20030002582"   "20030021485"   "20040184666"   "20040071356"   "20060050972"   "5757969"   "5768535"   "5801678"   "5917963"   "6088392"   "6205254"   "6269193"   "6522783"   "6622144"   "6654503"   "6738494"   "7388996"   "7444029").PN.	US- PGPUB; USPAT	ADJ	ON	2010/09/10 14:57
S20	6	\$19 and (error with (bound \$3 or smaller or less))	US- PGPUB; USPAT	ADJ	ON	2010/09/10 14:57
S21	6002	MIMO and (transmit\$4 with symbol)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 15:22

S22	1887	S21 and (video or image)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 15:23
S23	892	(bits per pixel) and (error with (bound\$3 or smaller or less))	US- PGPUB; USPAT	ADJ	ON	2010/09/10 15:55
S24	157	S23 and rate near2 control \$4	US- PGPUB; USPAT	ADJ	ON	2010/09/10 15:57
S25	11	S24 and (coding with layer \$3)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 15:57
S26	1	S22 and winner filter	US- PGPUB; USPAT	ADJ	ON	2010/09/10 16:21
S27	0	S22 and wienner filter	US- PGPUB; USPAT	ADJ	ON	2010/09/10 16:22
S28	13	S22 and wiener filter	US- PGPUB; USPAT	ADJ	ON	2010/09/10 16:22
S29	18	S22 and (wiener near3 filter) and antenna	US- PGPUB; USPAT	ADJ	ON	2010/09/10 16:26
S30	18	S22 and (wiener near3 filter)	US- PGPUB; USPAT	ADJ	ON	2010/09/10 16:28
S31	1	"6701021".pn. and (fidelity or error or difference)	US- PGPUB; USPAT	ADJ	ON	2010/09/13 09:13
S32	8	(US-20050276496-\$ or US-20060050972-\$ or US-20040141548-\$).did. or (US-6205254-\$ or US-5764374-\$ or US-5839100-\$ or US-6701021-\$ or US-6778709-\$).did.	US- PGPUB; USPAT	ADJ	ON	2010/09/13 10:34
S33	1	S32 and (MIMO)	US- PGPUB; USPAT	ADJ	ON	2010/09/13 10:34
S34	1	10/574023.app. and (refinement with pixels)	US- PGPUB; USPAT	ADJ	ON	2010/09/13 13:34
S35	1398	(VQ or vector quantization) and (error with (bound\$3 or smaller or less))	US- PGPUB; USPAT	ADJ	ON	2010/09/13 13:56
S36	430	S35 and (image or video) near compress\$3	US- PGPUB; USPAT	ADJ	ON	2010/09/13 14:15

<b>S</b> 37	291	S36 and (@ad<"20031001")	US- PGPUB; USPAT	ADJ	ON	2010/09/13 14:15
S38	21	(("near" lossless) with compress\$4 with (video or imae))	US- PGPUB; USPAT	ADJ	ON	2010/09/13 14:58
<b>S</b> 39	2	S38 and LOCO-I	US- PGPUB; USPAT	ADJ	ON	2010/09/13 14:59
S40	126	("near" lossless) and (compress\$4 with (video or imae))	US- PGPUB; USPAT	ADJ	ON	2010/09/13 15:07
S41	5	S40 and LOCO-I	US- PGPUB; USPAT	ADJ	ON	2010/09/13 15:07
S42	19	("near" lossless) and (LOCO- I)	US- PGPUB; USPAT	ADJ	ON	2010/09/13 15:22
S43	3	S42 and LSB	US- PGPUB; USPAT	ADJ	ON	2010/09/13 15:53
S44	11	LOCO-I and LSB	US- PGPUB; USPAT	ADJ	ON	2010/09/13 16:02
S45	5	("near" lossless) and (LSB with truncat\$3)	US- PGPUB; USPAT	ADJ	ON	2010/09/13 16:04
S46	43	(coding with layer\$3) and (second layer with (high\$2 or more) with bit)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 09:25
S47	10	(compress\$3 near (video or image)) and (enhanced layer with (high\$2 or more) with bit)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 09:33
S48	11	(US-20050276496-\$ or US-20060050972-\$ or US-20040141548-\$ or US-20030179938-\$ or US-20050272456-\$).did. or (US-6205254-\$ or US-5764374-\$ or US-5839100-\$ or US-6701021-\$ or US-6778709-\$ or US-6785425-\$).did.	US- PGPUB; USPAT	ADJ	ON	2010/09/14 11:08
S49	7	S48 and ("near" lossless or near-lossless) and compression ratio	US- PGPUB; USPAT	ADJ	ON	2010/09/14 11:09

S50	11	(US-20050276496-\$ or US-20060050972-\$ or US-20040141548-\$ or US-20030179938-\$ or US-20050272456-\$).did. or (US-6205254-\$ or US-5764374-\$ or US-5839100-\$ or US-6701021-\$ or US-6778709-\$ or US-6785425-\$).did.	US- PGPUB; USPAT	ADJ	ON	2010/09/14 13:53
S51	0	S50 and (MIMO) and (degrad \$4 with graceful\$2)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 13:54
S52	7	(MIMO) and (degrad\$4 with graceful\$2)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 13:54
S53	40	(MIMO) and (graceful\$2)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 13:58
S54	1	"20040095907".pn. and (graceful\$2 or degrad\$5)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 14:13
S55	23	(MIMO) and (degrad\$5 with graceful\$2)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 14:14
S56	2	(10/766801.app.) and (degrad\$5 with graceful\$2)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 14:16
S57	0	S50 and (MIMO) and (degrad \$5 with graceful\$2)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 14:39
S58	5486	(MIMO) and (analog)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 15:02
S59	2	(MIMO) and (analog stream)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 15:02
S60	1471	(MIMO) and (symbol with analog)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 15:03
S61	1	"20040095907".pn. and (symbol or bin or constellation)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 15:21
S62	1	"20040095907".pn. and (MIMO or stream or transmitter or redciver or graceful\$2 or degrad\$5)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 15:27

S63	1	"20040095907".pn. and (MIMO or stream or transmit \$5 or redciv\$5 or graceful\$2 or degrad\$5)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 15:28
S64	1	"20040095907".pn. and (MIMO or stream or transmit \$5 or receiv\$5 or graceful\$2 or degrad\$5)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 15:51
S65	1	"20040095907".pn. and (decod\$4)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 16:05
S66	1	"20040095907".pn. and (decod\$4 with symbol)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 16:05
S67	0	"20040095907".pn. and (wiener)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 16:09
S68	1	S50 and (wiener)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 16:10
S69	1	S50 and (MIMO and wiener)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 16:10
S70	110	MIMO and ((noise level) with transmi\$5)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 16:53
S71	0	S70 and ( (contril\$\$4 or chang\$3 or adjust\$4) withpower with (noise level))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 16:55
S72	0	S70 and ( (control\$\$4 or chang\$3 or adjust\$4) withpower with (noise level))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 16:55
S73	14	S70 and ( (control\$4 or chang\$3 or adjust\$4) with power with (noise level))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 16:55
S74	1	10/574023.app. and (antenna with receiv\$3)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 17:12
S75	9	S73 and (antenna with noise)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 17:16
S76	1	"20040095907".pn. and (MIMO or stream or transmit \$5 or receiv\$5 or antenna or signal)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 17:25

S77	1	"20040095907".pn. and (noise or SNR)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 17:32
S78	4786	MIMO and (antenna with (one with more))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 17:35
S79	4120	MIMO and (antenna with (one more))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 17:35
S80	2649	S79 and (receiv\$3 with antenna with (one more))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 17:36
S81	167	S80 and (@ad< "20030901")	US- PGPUB; USPAT	ADJ	ON	2010/09/14 17:37
S82	0	S81 and (one "or" more antenna)	US- PGPUB; USPAT	ADJ	ON	2010/09/14 17:42
S83	131	S81 and (transmi\$5 with receiv\$3 with antenna with (one more))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 17:44
S84	43	S81 and (transmi\$5 with receiv\$3 with (one more antenna))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 17:56
S85	0	S81 and (transmi\$5 with receiv\$3 with (one antenna more than))	US- PGPUB, USPAT	ADJ	ON	2010/09/14 18:06
S86	0	S81 and (transmi\$5 with receiv\$3 with (one antenna) with (more than))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 18:08
S87	0	MIMO and (transmi\$5 with receiv\$3 with (one antenna) with (more than))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 18:08
S88	0	MIMO and (transmi\$5 with receiv\$3 with (antenna) with (more than))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 18:11
S89	0	((plural or multiple) antenna) and (transmi\$5 with receiv\$3 with (antenna) with (more than))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 18:12
S90	12438	((plural or multiple) antenna) and (transmi\$5 with receiv\$3 with (antenna))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 18:14
S91	0	((plural or multiple) antenna) and (transmi\$5 with receiv\$3 with (antenna) with "more than")	US- PGPUB; USPAT	ADJ	ON	2010/09/14 18:14

S92	3	((plural or multiple) antenna) and (transmi\$5 with receiv\$3 with (one antenna more) )	US- PGPUB; USPAT	ADJ	ON	2010/09/14 18:16
S93	3	(MIMO) and (transmi\$5 with receiv\$3 with (one antenna more) )	US- PGPUB; USPAT	ADJ	ON	2010/09/14 18:16
S94	2643	(MIMO) and (receiv\$3 with (number near2 antenna))	US- PGPUB; USPAT	ADJ	ON	2010/09/14 18:33
S95	337	(MIMO) and (receiv\$3 with (number near2 antenna) with more )	US- PGPUB; USPAT	ADJ	ON	2010/09/14 18:34
S96	48	\$95 and (@ad<"20030901")	US- PGPUB; USPAT	ADJ	ON	2010/09/14 18:34

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